

Business and Personal Wants.

(Continued from page 155.)

- Inquiry No. 2128.**—For tools for the manufacture of wooden butter dishes.
- Inquiry No. 2129.**—For manufacturers of rice peeling mills.
- Inquiry No. 2130.**—For manufacturers of bob sleds.
- Inquiry No. 2131.**—For gasoline engine castings for automobiles.
- Inquiry No. 2132.**—For manufacturers of plants for the distillation of wood.
- Inquiry No. 2133.**—For the manufacturers of the Columbia machine for working metals and gold.
- Inquiry No. 2134.**—For makers of diamonds for the points of tools for turning emery wheels, etc.
- Inquiry No. 2135.**—For dealers in black hard rubber in sheets.
- Inquiry No. 2136.**—For manufacturers of cheap clock-work to drive movable paper figures for advertising purposes.
- Inquiry No. 2137.**—For manufacturers of photographic cameras and apparatus to make special goods.
- Inquiry No. 2138.**—For dealers in type-casting machines and stock matrices of type faces.
- Inquiry No. 2139.**—For manufacturers of machinery for grinding wood pulp.
- Inquiry No. 2140.**—For machines for making paper tubes.
- Inquiry No. 2141.**—For manufacturers of canning machinery.
- Inquiry No. 2142.**—For oil burners adaptable for cooking and heating stoves and furnaces.
- Inquiry No. 2143.**—For manufacturers of netting machines.
- Inquiry No. 2144.**—For makers of steel castings.
- Inquiry No. 2145.**—For makers of special-sized wooden lathes.
- Inquiry No. 2146.**—For manufacturers of steel wire.
- Inquiry No. 2147.**—For makers of a patent fencing machine used for putting on wooden slats. Patented by E. S. Scofield.
- Inquiry No. 2148.**—For manufacturers of purring for violins and mandolins.
- Inquiry No. 2149.**—For automatic machines, such as electric shock, lifting, punching, lunk-testers, etc.
- Inquiry No. 2150.**—For dealers in small tanks of a working pressure of 300 pounds per square inch, for gas.
- Inquiry No. 2151.**—For manufacturers of glass articles.
- Inquiry No. 2152.**—For makers of fine drop forgings for small crank shafts.
- Inquiry No. 2153.**—For an outfit for a small electric plant.
- Inquiry No. 2154.**—For manufacturers of improved machines for drying fruit, especially bananas.
- Inquiry No. 2155.**—For a nailing machine to be operated by compressed air.



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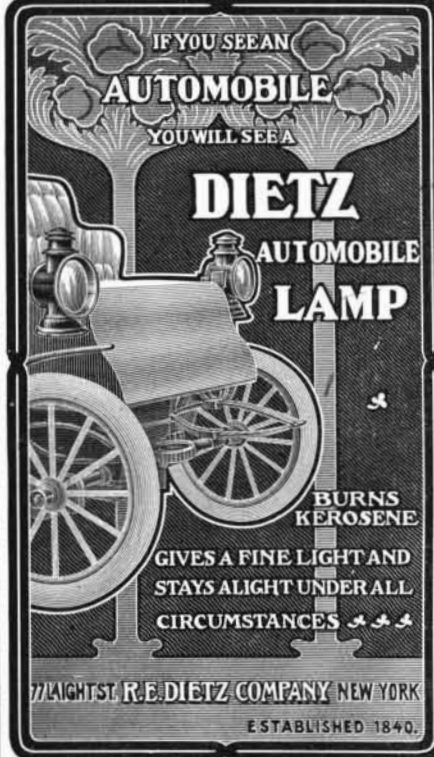
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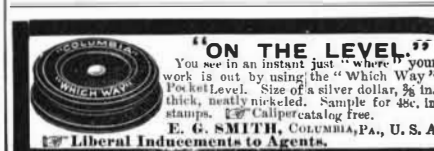
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**POOR'S MANUAL OF RAILROADS OF THE UNITED STATES.** Thirty-fourth Annual Number, 1901. New York: H. V. & H. W. Poor. 1901. 8vo. Pp. 1900. Plates, Maps. Price \$10.

Poor's Manual is a standard handbook and official organ of the railroad systems of the country, and of every interest connected therewith, containing detailed statements of operations and conditions of every railroad company in the United States and Canada, and the leading railroads in Mexico. Every statement is officially revised before publication. The most important feature introduced into the Manual in recent years is one presented in the edition for 1900, and is entitled "Ready Reference Bond List." Poor's Manual is by far the best publication of its kind and its reliability and thoroughness make it absolutely indispensable to every railroad and financial man.

**STUDIES IN HETEROGENESIS.** By H. Charlton Bastian, M.A., M.D., F.R.S. First Part. London: Williams & Norgate. 1901. 8vo. Pp. 61. Plates. Price \$3.

The author is a well-known medical man who has written a number of books upon the brain and paralysis. He uses the term heterogenesis in the sense originally employed by Burdach, as a class name for processes by which living things arise from the matter of pre-existing organisms belonging to a totally different species—the correlative term homogenesis being used by them as at present, for the process by which individuals arise in the ordinary way from pre-existing living things similar to themselves in organism. Briefly, however, he defines the term heterogenesis as the production from the substance of organisms or their germs of alien forms of life. The author deals with one of the most difficult subjects in the scientific world and the net result of his contribution to the literature of science is sure to be appreciated.

**CENTRIFUGAL PUMPS, TURBINES AND WATER MOTORS. INCLUDING THE THEORY AND PRACTICE OF HYDRAULICS.** By Charles H. Innes, M.A. Manchester: Technical Publishing Company, Ltd. 1901. 12mo. Pp. 226. Price \$1.80.

The author has put in as concise form as possible the theory of turbines, centrifugal pumps and fans. In one of the chapters will be found a description of steam turbines, for which he is indebted to the Hon. C. A. Parsons, and it is one of the most important discussions of the subject which we have ever seen. In the preparation of the book no effort has been spared to make the text as clear as possible, and the illustrations are numerous.

**HOW TO REMEMBER WITHOUT MEMORY SYSTEMS OR WITH THEM.** By Eustace H. Miles, M.A. London: Frederick Warne & Co. 1901. 12mo. Pp. 278. Price \$1.

This book is practical rather than technical. It does not contain long discussions as to what our memory is or what it is not, but gives in concise form pieces of advice as to how we may best remember. The principles are based on methods which most of us do already frequently use with excellent results. Each person is left free to choose his or her own way, system or systems, but it should be tried fairly before condemning. Yet, lest any should say that it is a waste of time to learn systems at all, the author has tried to show the value of a good memory, and the good effects of ways and systems if properly used on the character, and on success in various branches of life.

**COMMERCIAL TRUSTS. Growth and Rights of Aggregated Capital.** By John R. Dos Passos. New York: G. P. Putnam Sons. 1901. 12mo. Pp. 137.

The present work is an argument delivered before the Industrial Commission at Washington, D. C., December 12, 1899, corrected and revised. The author deals with aggregations of capital, commercial corporations, over-capitalization, regulation of capital, legal control, anti-trust laws, regulation of trusts, legislation and other allied subjects.

**SUBJECT LIST OF WORKS ON CERTAIN CHEMICAL INDUSTRIES IN THE LIBRARY OF THE (BRITISH) PATENT OFFICE.** London: The Patent Office. 1901. 16mo. Pp. 100. Price 20 cents.

We have commented favorably upon the excellent series of publications which the British Patent Office is issuing from time to time. They are highly useful, and the present volume is one of the best of the series. It includes destructive distillation, mineral oils and waxes, gas lighting, acetylene, oils, fats, soaps, candles, perfumery, paints, varnishes, colors, resins, paper and leather industries.

**ELECTROMAGNETS FOR DESIGN AND CONSTRUCTION.** By A. N. Mansfield, S.B. New York: D. Van Nostrand Company. 1901. 16mo. Pp. 155. Price 50 cents.

An excellent little book of pocket size in the Van Nostrand Science Series, of which 112 volumes have now appeared. The author treats the subject mathematically, and the formulas and data which are essential to the design and construction of electro-magnets for various purposes are here presented in convenient form.



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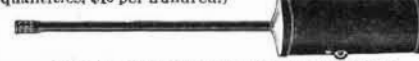
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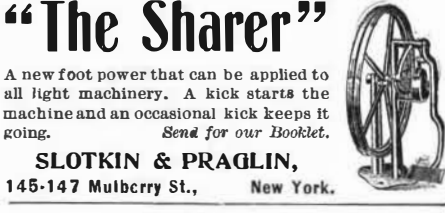
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